

Converting Colors

XYZ(28.2057, 32.6493, 39.8742)

Have a look what the booklet for
XYZ(28.2057, 32.6493, 39.8742)
contains.

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Color

**XYZ(28.1981, 32.6821,
39.9440)**

Conversions

Conversions Part 1

Format	Color
Hex	7FA1A4
RGB	127, 161, 164
RGB Percent	50%, 63%, 64%
CMY	0.5020, 0.3686, 0.3569
CMYK	0.23, 0.02, 0.00, 0.36
HSL	185°, 17%, 57%
HSV	185°, 23%, 64%
XYZ	28.1981, 32.6821, 39.9440
YIQ	151.1760, -21.2270, -6.2750

Conversions

Conversions Part 2

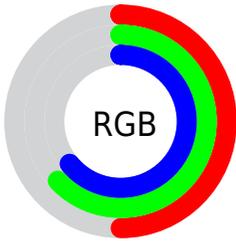
Format	Color
RYB	127, 145, 164
Decimal	8364452
CIELab	63.90, -10.93, -5.41
CIElCh	64, 12.198, 206.327
Yxy	32.6821, 0.2797, 0.3241
Android (android.graphics.Color)	4286554532 (0xFF7FA1A4)
YUV	151.1760, 6.3222, -21.2024
Hunter-Lab	57.1683, -11.9998, -1.4087

Details

The XYZ color **28.1981, 32.6821, 39.9440** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.1235, 25.3902, 23.5505**, and the grayscale version is **29.4718, 31.0066, 33.7662**.

A 20% lighter version of the original color is **56.1644, 63.9295, 76.3973**, and **11.4538, 13.6849, 17.3670** is the 20% darker color. If you saturate the color by 10%, you get **25.7209, 31.0630, 39.7626**, and if you desaturate by 10%, it is **31.0773, 34.5138, 40.1463**.

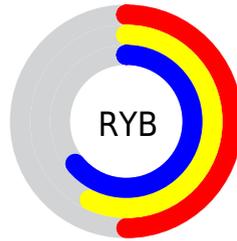
Distribution



Red (50%)

Green (63%)

Blue (64%)



Red (50%)

Yellow (57%)

Blue (64%)

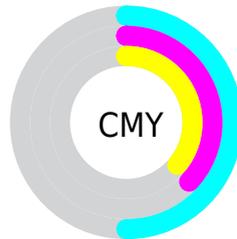


Cyan (23%)

Magenta (2%)

Yellow (0%)

Black (36%)



Cyan (50%)

Magenta (37%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1981, 32.6821, 39.9440 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 28.1981, 32.6821, 39.9440 by changing the saturation by 10% instead.

■ 28.1981, 32.6821,
39.9440

■ 28.1981, 32.6821,
39.9440

285.4752,
314.2148, 361.4326

■ 18.6163, 21.8830,
27.1814

■ 56.2070, 63.8789,
76.3144

■ 11.4957, 13.7710,
17.4759

■ 75.3648, 85.0454,
100.7593

■ 6.4710, 7.9615,
10.4088

■ 98.4452, 110.4365,
129.9354

■ 3.1769, 4.0704,
5.5617

125.8137,
140.4366, 164.2612

■ 1.2480, 1.7130,
2.5160

157.8356,
175.4301, 204.1553

■ 0.1438, 0.4320,
0.8486

194.8763,

■ 0.0000, 0.0000,

215.8014, 250.0362

0.0000

237.3010,
261.9348, 302.3224

■ 28.1981, 32.6821,
39.9440

■ 28.1981, 32.6821,
39.9440

■ 25.7209, 31.0630,
39.7626

■ 31.0773, 34.5138,
40.1463

■ 23.6237, 29.6426,
39.5989

■ 34.3734, 36.5633,
40.3682

■ 21.8864, 28.4114,
39.4529

■ 38.1045, 38.8406,
40.6111

■ 20.4864, 27.3577,
39.3233

■ 42.2862, 41.3540,
40.8758

■ 19.3982, 26.4683,
39.2090

■ 46.9337, 44.1112,
41.1631

■ 18.5927, 25.7283,
39.1086

■ 52.0614, 47.1197,
41.4735

■ 18.0353, 25.1198,
39.0205

■ 57.6831, 50.3866,
41.8078

■ 17.7215, 24.7214,
38.9601

■ 62.6238, 53.3061,
42.1109

■ 62.8773, 53.8131,
42.1954

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.8847, 32.6821, 34.9831



28.1981, 32.6821, 39.9440



29.2691, 32.6821, 44.0455

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.1981, 32.6821, 39.9440



33.8918, 32.6821, 41.0877



31.2753, 32.6821, 26.9613

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.1981, 32.6821, 39.9440



27.1235, 25.3902, 23.5505

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



32.9295, 32.6821, 28.2843



28.1981, 32.6821, 39.9440



34.4748, 32.6821, 36.1943

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.1981, 32.6821, 39.9440



32.5502, 32.6821, 44.7473



34.1164, 32.6821, 31.5557



29.6225, 32.6821, 27.7678

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.1981, 32.6821, 39.9440



30.2897, 32.6821, 45.5825



34.1164, 32.6821, 31.5557



31.8501, 32.6821, 27.1683

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.1991, 32.6834, 39.9447



59.5616, 64.6166, 73.0854



26.0220, 32.6609, 25.8652



12.9497, 14.0819, 15.9731



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

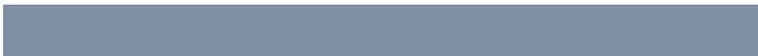
The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.1991, 32.6834, 39.9447



48.8712, 57.8234, 72.3376



25.2813, 26.8479, 38.9722



7.2268, 7.9126, 9.0495



13.6041, 18.9876, 29.8778



0.2993, 0.4258, 0.6323

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



29.3330, 25.6452, 37.1237



51.3123, 42.8552, 66.2233



29.7258, 30.5948, 24.4180



7.3395, 7.1922, 8.7740



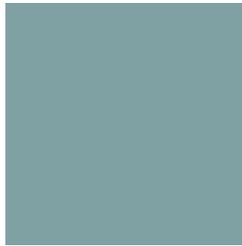
16.0122, 7.7609, 23.0526



0.3432, 0.1658, 0.5201

Previews

White Background



This preview shows how the XYZ color 28.1981, 32.6821, 39.9440 looks on a white background.

Color Contrast Check

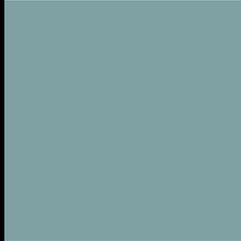
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.1981, 32.6821, 39.9440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

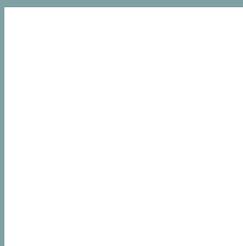
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1981, 32.6821, 39.9440

Background



This preview shows how black text looks on a background with the XYZ color 28.1981, 32.6821, 39.9440.



This preview shows how white text looks on a background with the XYZ color 28.1981, 32.6821, 39.9440.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.1981, 32.6821, 39.9440

Protanopia

31.6111, 32.7172, 37.9067

Deuteranopia

33.0991, 32.4584, 40.5970



Tritanopia

29.0705, 32.7873, 43.8261

Trichromacy



Original Color

28.1981, 32.6821, 39.9440

Protanomaly

30.1670, 32.7069, 38.4413

Deuteranomaly

31.1096, 32.4071, 40.2129

Tritanomaly

28.6343, 32.5954, 42.3185

Monochromacy



Original Color

28.1981, 32.6821, 39.9440

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.8774, 31.5938, 36.0287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1981, 32.6821, 39.9440 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(127, 161, 164)` looks like.

```
.text, #text, p{  
    color:rgb(127, 161, 164)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(127, 161, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 161, 164) }
```

Border

The CSS property to change the border of an element to XYZ 28.1981, 32.6821, 39.9440 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 161, 164) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(127, 161, 164) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(127, 161, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 161, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 161, 164);  
box-shadow:4px 4px 4px 4px rgb(127, 161,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1981, 32.6821, 39.9440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 161, 164) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(127,  
161, 164) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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